1/14

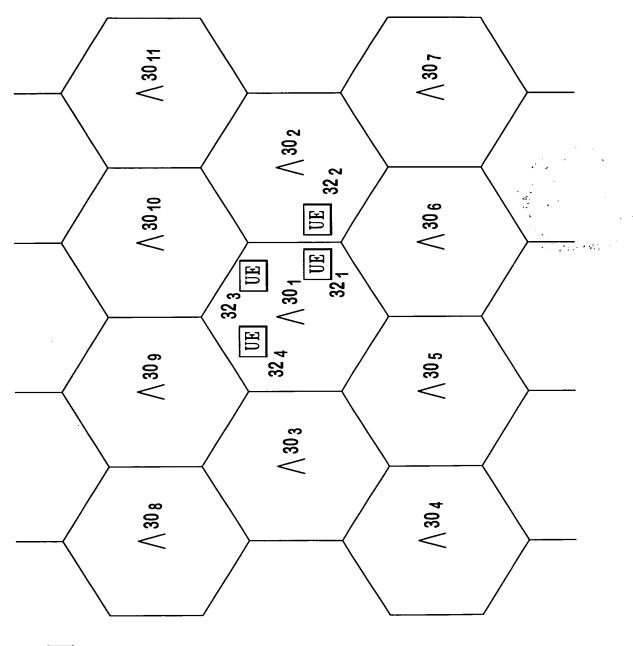
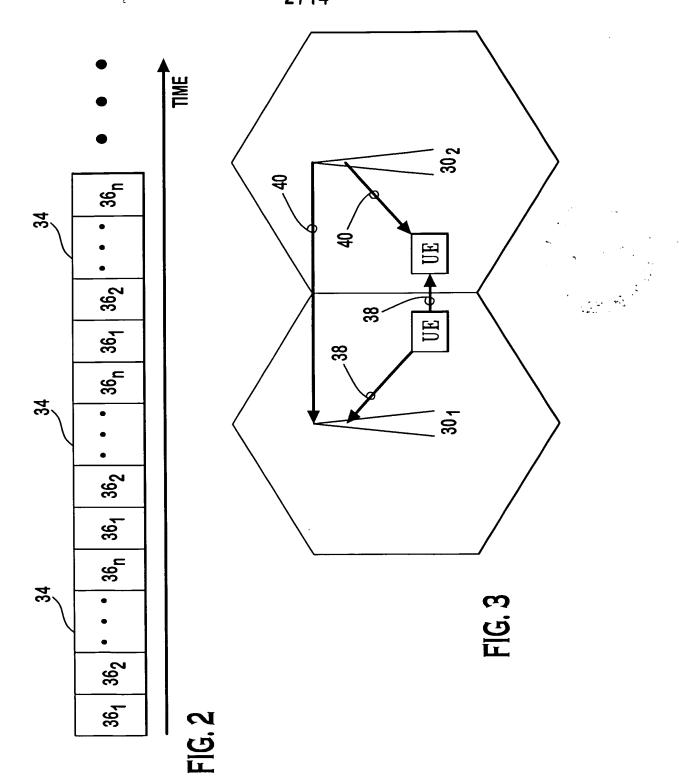


FIG. 1



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AVAILAB	ILITY	LIST		
CELL	П	ME SL	OT AVAILABI	LITY
(UPLINK / DOWNLINK)	S1	S2	•••	SN
1 (UPLINK)	Х	Х	•••	
1 (DOWNLINK)		X	•••	X
2 (UPLINK)	Х	X	• • •	
2 (DOWNLINK)			• • •	X
	•			
	•			
	•	1		-1
N (UPLINK)	X	X	• • •	
N (DOWNLINK)		X	•••	X

FIG. 4

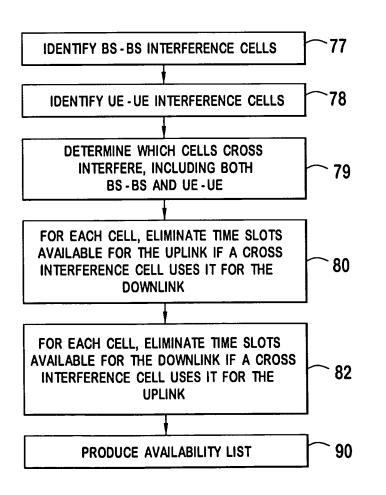


FIG. 5

ſ	0	000	<u> </u>	TEC			<u> </u>	<u> </u>	1 1	OT.		
	Ch	ROSS	S IN	IEK		(EN	UE (UEL	LL	51		
			POT	ENT	AL (ROS	S IN	TERF	ERIN	G CE	LLS	
	CELL	1	2	3	4	5	6	7	8	9	10	11
	1	X		1		1	*					
	2	1	X					1			1	1
	3			X	1	1*				1		
	4	<u> </u>		1	<u> </u>							
	5			*	1	X	1_			L	ļ <u>.</u>	
	6	1*		<u>.</u>			X	L	<u> </u>	<u> </u>		
	7		1				1	X	<u> </u>	L		
,	8								X		L	
[9			1						X	\perp	
FIG 6	10	11	1						<u> </u>		X	
FIG. 6	11		1								ı	X

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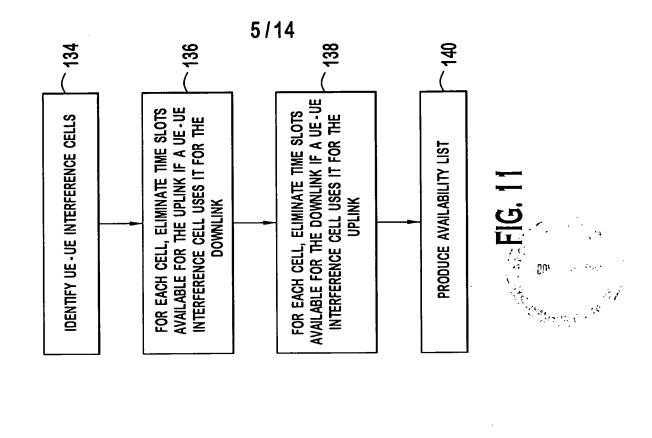
		TIME	E SL	TO.	ALI	_OC	ΑΠ	ON	PER	CE	LL				
		TIME SLOT ALLOCATION													
CELL	S1	S2	S3	S4	S 5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15
1			D	J											
2	D	D							U					<u> </u>	
3	1			5	۵										
4										D	D				<u> </u>
5			D							<u> </u>				U	
6						D								<u> </u>	U
7										D					<u> </u>
8										D	D				
9						D	U								
10			D	U											
11										D	D	D	D		U

FIG. 7

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		AV	AILA	ABIL	ITY	LIS	ΤF	OR	CEL	L 1				
CELL (UPLINK/					TIME	SLC)T A	VAIL#	ABILI	ΤΥ				
DOWNLINK)	S 1	S1 S2 S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 S13 S14 S											S15	
1 (UPLINK)	X	Х	X		X	X								
1 (DOWNLINK)				X			X		X				X	X

FIG. 8



AVAILABLE FOR THE DOWNLINK IF A BS-BS

INTERFERENCE CELL USES IT FOR THE

UPLINK

FOR EACH CELL, ELIMINATE TIME SLOTS

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IDENTIFY BS-BS INTERFERENCE CELLS

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FOR EACH CELL, ELIMINATE TIME SLOTS AVAILABLE FOR THE UPLINK IF A BS-BS INTERFERENCE CELL USES IT FOR THE

DOWNLINK

FIG. 9

7 130

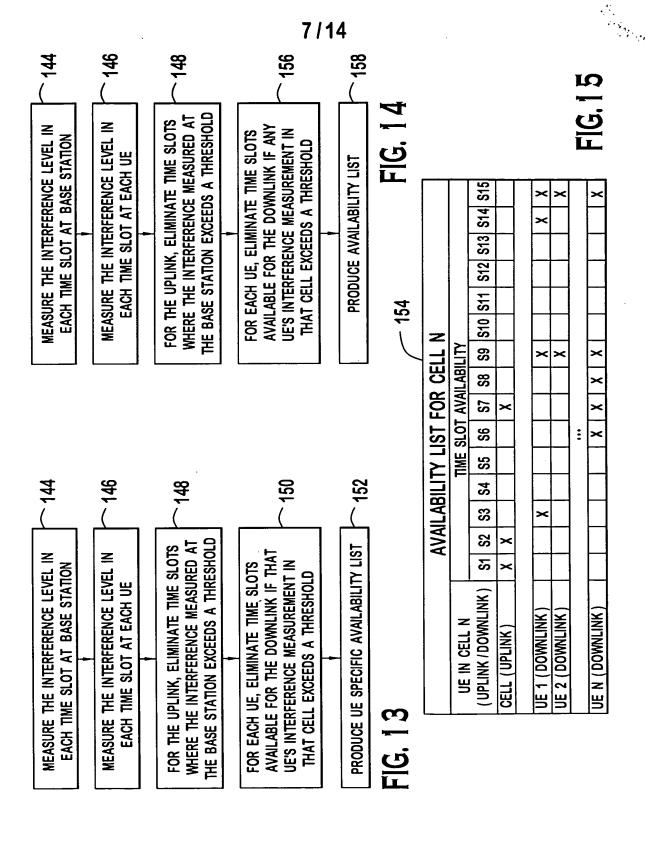
PRODUCE AVAILABILITY LIST

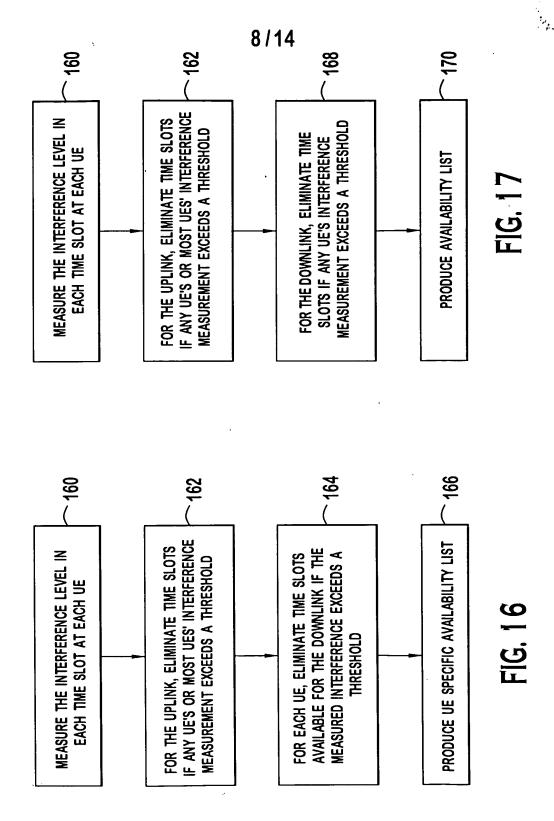
									1		132				
BS-BS	S CF	ROS	SIN	ITE	RFEI	REN	CE	CEL	L L	IST					
		POTENTIAL CROSS INTERFERING CELLS													
CELL	1	2	3	4	5	6	7	8	9	10	11				
1	X	ı	Ī		Π				I	T					
2	ı	Х				1	1			ı	1				
3			X	1_					-						
4				X	1										
5				1	X										
6						X	1								
7							X								
8								X	1						
9	I								X						
10	1	1								X					
11		1								Ī	X				

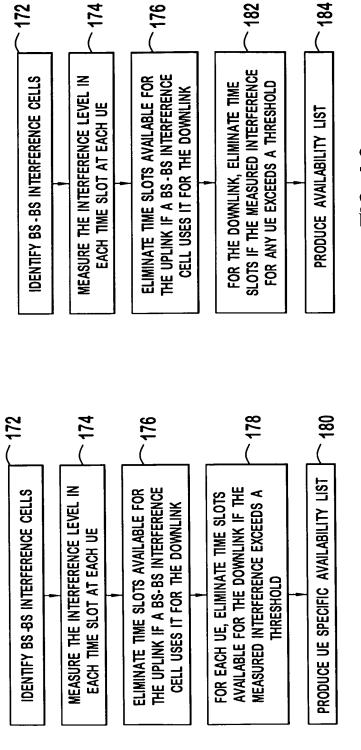
FIG. 10

									1		142		
UE - U	JE CI	ROS	S II	NTE	RFE	REN	ICE	CE	LL I	IST			
	POTENTIAL CROSS INTERFERING CELLS												
CELL	1	2	3	4	5	6	7	8	9	10	11		
1	X	1*	1*		*	l*			1*	1*			
2	1*	Х				1*	1*			1*	*		
3	*		Х	*	*			l*	*				
4			*	X	*								
5	*		*	*	X	*							
6	*	*			*	X	*						
7		*	L			*	X	<u> </u>					
8			*					X	1*				
9	*		*					*	X	*			
10	*	1*							*	X	l*		
11		*							l	*	_ X		

FIG. 12







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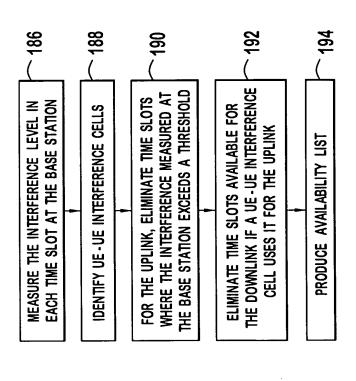
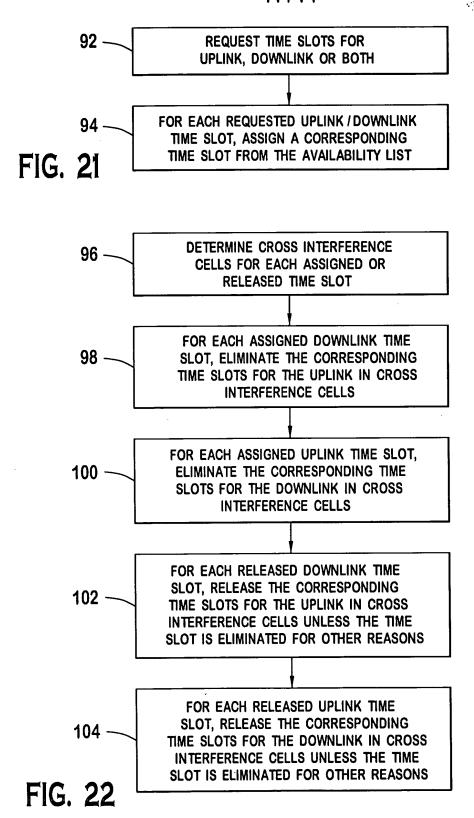


FIG. 20



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	•	TIME	E SL	TO.	ALI	OC	ΑΠ	ON	PEF	CE	LL				
_					TIME	SLO	T AL	LOC	ATIO	N					
CELL	S1	S2	S3	S4	S 5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15
1			D	-											
2	D	D							U						
3				U	D										
4										D	D				
5			D											U	
6						D**	D*	U*							U
7										D				<u> </u>	
8										D	D				
9						٥	J								
10			D	٦											
11										D	D	۵	D		U

FIG. 23

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		A۷	AILA	ABIL	ITY	LIS	ΤF	OR	CEL	L 7					
CELL (UPLINK /		TIME SLOT AVAILABILITY													
DOWNLINK)	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15
7 (UPLINK)	Х	Х				R	X*								
7 (DOWNLINK)								X*	X						X

FIG. 24

